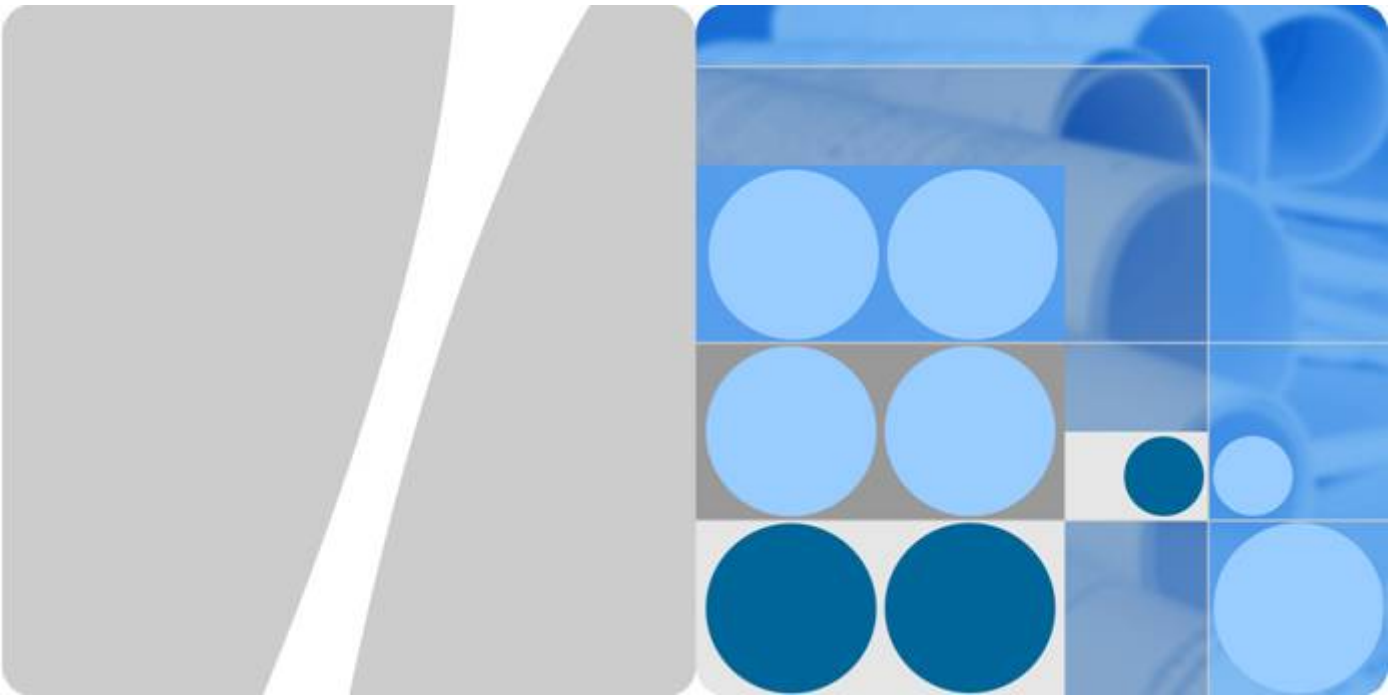

Huawei Tecal RH2288 V2

Server Compatibility List

Issue V2.30

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Huawei Technologies Co., Ltd.

Address: Huawei Industrial Base
Bantian, Longgang
Shenzhen 518129
People's Republic of China

Website: http://enterprise.huawei.com

Contents

1 Requirement Management....1
2 CPUs supported OS....2
2.1 Windows....3
2.2 Vmware....3
2.3 Suse....3
2.4 RedHat....4
2.5 Citirx....4
3 Recommended OS....5
4 Recommended Virtualization software....9
5 PCIE-FC HBA Card....11
6 PCIE-CNA Card....13
7 PCIE-InfiniBand Card....14
8 PCIE-SAS HBA Card....15
9 PCIE-Network card....16
10 PCIE-SSD Card....20
11 PCIE-GPU Card....21
12 Network/FC MEZZ Card....22
13 FCOE MEZZ Card....23
14 Embeded FC SW....24
15 Application software....25
16 Database....26
17 Management Software....27
18 Application Server Reference Architecture....28
19 Processor....31
20 DIMM....34

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20.1 For Sandy Bridge CPU....35
20.2 For Ivy Bridge CPU....35
21 Hard Disk Controller....37
22 Hard Disk....39
23 Power Supply....42
24 Certification....43
25 Recommended OS Part Number....46

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1 Requirement Management

1. If you have requirement about OS version or component which may not be within this document，please contact Huawei after-sale service engineer who use the RM flow:

http://rm.huawei.com:8000/Agile/default/login-cms.jsp

2. The user guide of the RM is:

http://3ms.huawei.com/hi/group/8355/file_1837557.html

3. How to fill in content of the RM according to different requirement，please refer to the below model：

http://3ms.huawei.com/hi/group/8355/file_2490055.html

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2 CPUs supported OS

About This Chapter

Notes: Please choose the OS version by referring to the following statements from the OS vendors.

2.1 Windows

2.2 Vmware

2.3 Suse

2.4 RedHat

2.5 Citirx

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2.1 Windows

Vendor	Model of CPU	OS Version	Remarks
Intel	Intel Xeon E5-2600 Series	Windows server 2008R2 Windows server 2012 Windows server 2012R2	
Intel	Intel Xeon E5-2600V2 Series	Windows server 2008R2 Windows server 2012 Windows server 2012R2	

2.2 Vmware

Vendor	Model of CPU	OS Version	Remarks
Intel	Intel Xeon E5-2600 Series	ESXi 5.5U1 5.5 ESXi 5.1U2 5.1U1 5.1 ESXi 5.0U3 5.0U2 5.0U1 5.0 ESXi Installable 4.1U3,4.1U2,4.1U1,4.1 ESX 4.1U3,4.1U2,4.1U1,4.1	
Intel	Intel Xeon E5-2600V2 Series	ESXi 5.5U1 5.5 ESXi 5.1U2 5.1U1 ESXi 5.0U3 5.0U2	

2.3 Suse

Vendor	Model of CPU	OS Version	Remarks
Intel	Intel Xeon E5-2600 Series	SLES10 SP4 SLES11 SP1 SLES11 SP2 SLES11 SP3	
Intel	Intel Xeon E5-2600V2 Series	SLES11 SP3	

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2.4 RedHat

Vendor	Model of CPU	OS Version	Remarks
Intel	Intel Xeon E5-2600 Series	RHEL 5.7 or later RHEL 6.1 or later	?
Intel	Intel Xeon E5-2600V2 Series	RHEL 5.9 or later RHEL 6.4 or later	?

2.5 Citirx

Vendor	Model of CPU	OS Version	Remarks
Intel	Intel Xeon E5-2600 Series	Citrix XenServer 6.0.0 Citrix XenServer 6.0.2 Citrix XenServer 6.1.0 Citrix XenServer 6.2.0	?
Intel	Intel Xeon E5-2600V2 Series	Citrix XenServer 6.1.0 Citrix XenServer 6.2.0	?

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3 Recommended OS

OS version in this chapter which is tested or certificated by Huawei or certification authority.

Version	Description	Supported SandyBridge (Yes or No)	Supported Ivy Bridge(Yes or No)	Remarks
Windows2008 SP2	Microsoft Windows Server 2008 SP2 32bit Windows Certification URL:?	Yes	/	See 1
Windows2008 R2 SP1	Microsoft Windows Server 2008 R2 SP1 64bit Windows Certification URL:?	Yes	Yes	See 1
Windows 2012	Microsoft Windows Server 2012 64bit Windows Certification URL:?	Yes	Yes	See 1
Windows 2012 R2	Microsoft Windows Server 2012 R2 64bit Windows Certification URL:?	Yes	Yes	See 2
RHEL 5U7	Red Hat Enterprise Linux 5 Update 7 Server for x86/Intel EM64T	Yes	/	See 2
RHEL 5U8	Red Hat Enterprise Linux 5 Update 8 Server for x86/Intel EM64T Redhat Certification URL: ?	Yes	/	See 2
RHEL 5U9	Red Hat Enterprise Linux 5 Update 9 Server for x86/Intel EM64T	Yes	Yes	See 2
RHEL 6U1	Red Hat Enterprise Linux 6 Update 1 Server for x86/Intel EM64T	Yes	/	See 1

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Version	Description	Supported SandyBridge (Yes or No)	Supported Ivy Bridge(Yes or No)	Remarks
RHEL 6U3	Red Hat Enterprise Linux 6 Update 3 Server for x86/Intel EM64T Redhat Certification URL: ?	Yes	/	See 2
RHEL 6U4	Red Hat Enterprise Linux 6 Update 4 Server for x86/Intel EM64T	Yes	Yes	See 2
RHEL 6U5	Red Hat Enterprise Linux 6 Update 5 Server for Intel EM64T	Yes	Yes	See 2
SLES 10.4	SUSE Linux Enterprise Server 10 Service Pack 4 for x86/Intel EM64T	Yes	/	See 2
SLES 11.1	SUSE Linux Enterprise Server 11 Service Pack 1 for x86/Intel EM64T Suse Certification URL: ? and ?	Yes	/	See 1
SLES 11.2	SUSE Linux Enterprise Server 11 Service Pack 2 for x86/Intel EM64T Suse Certification URL: ? and ?	Yes	/	See 2
Oracle 6.1	Oracle Enterprise Linux 6.1 Server X86_64	Yes	/	See 2
Oracle 6.4	Oracle Enterprise Linux 6.4 Server X86_64 Oracle Certification URL: ?	Yes		See 2
Oracle 6.5	Oracle Enterprise Linux 6.5 Server X86_64	Yes	Yes	See 2
Solaris 10u10	Solaris 10 update 10	Yes		See 2
Debian 6.0.5	Debian 6.0.5 for x86/Intel EM64T	Yes		See 4
Debian 7.4.0	Debian 7.4.0 for Intel EM64T	Yes		See 2
Kylin V3.0	Kylin Linux V3.0 for AMD64/Intel EM64T	Yes		See 2

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Version	Description	Supported SandyBridge (Yes or No)	Supported Ivy Bridge(Yes or No)	Remarks
Kylin V3.2	Kylin Linux V3.2 for AMD64/Intel EM64T	Yes		See 2
CentOS 5U7	CentOS Linux 5. Update 7 for x86/Intel EM64T	Yes	/	See 2
CentOS 5U10	CentOS Linux 5. Update 10 for x86/Intel EM64T	Yes	Yes	See 2
CentOS 6U2	CentOS Linux 6. Update 2 for x86/Intel EM64T	Yes	/	See 2
CentOS 6U4	CentOS Linux 6. Update 4 for x86/Intel EM64T	Yes		See 2
CentOS 6U5	CentOS Linux 6. Update 5 for x86/Intel EM64T	Yes	Yes	See 2
RedFlag Asianux4.2	RedFlag Asianux 4 update 2 for x86/Intel EM64T with documentary certificate	Yes		See 2
Ubuntu 12.0.4 LTS	Ubuntu 12.0.4 LTS Desktop Edition for x86/Intel EM64T	Yes		See 2
FreeBSD 9.1	FreeBSD 9.1 for x86/Intel EM64T	Yes		See 3

"/" : OS vendor does not claim support for the platform

"Yes": Full compatibility wtih huawei server

"**?**": Click to the URL

1. Install an OS by using the ServiceCD: Use the ServiceCD DVD or image file for installation. The latest ServiceCD is available at **?**
2. Install an OS directly: Use the physical DVD-ROM drive to load the installation DVD or use the virtual DVD-ROM drive to load the image file for installation.
3. Load drivers while installing an OS: Load hardware drivers during OS installation.
4. Install an OS by making an installation source: Use the OS installation program and hardware drivers to make an installation source for installation.

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Note: For details about the four OS installation methods, see the 《Tecal Server OS Installation Guide》. To obtain this document, perform the following steps:

1) Log in to http://enterprise.huawei.com/en

2) Choose SUPPORT > Product Support > Cloud Computing & Data Centers > Server.

3) Select the type and model of the server on which the OS is to be installed, and click the document link in the Installation & Upgrade area to download this document.

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4 Recommended Virtualization software

Virtualization OS version in this chapter which is tested or certificated by Huawei or certification authority.

Version	Description	Supported SandyBridge (Yes or No)	Supported Ivy Bridge(Yes or No)	Remarks
Windows 2012 Hyper-V	Windows 2012 Hyper-V Windows Certification URL:?	Yes	Yes	See 1
RHEL 6.1 KVM	Red Hat Enterprise Linux 6. Update 1 Server for x86/Intel EM64T Redhat Certification URL: ?	Yes	/	See 1
Oracle VM 3.0.2	Oracle Server VM 3.0.2 Oracle Certification URL:?	Yes		See 2
Oracle VM 3.2	Oracle Server VM 3.2 Oracle Certification URL:?	Yes		See 2
Citrix 6.0	Citrix XenServer 6.0.0 Citrix Certification URL: ?	Yes	/	See 2
Citrix 6.2	Citrix XenServer 6.2.0 Citrix Certification URL: ?	Yes	Yes	See 2
Vmware 4.1	Vmware ESX 4.1 update 2 Vmware Certification URL:?	Yes	/	See 1
Vmware 4.1	Vmware ESXi 4.1 update 2 Vmware Certification URL:?	Yes	/	See 4

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Version	Description	Supported SandyBridge (Yes or No)	Supported Ivy Bridge(Yes or No)	Remarks
Vmware 5.0	Vmware ESXi 5.0.0 Vmware Certification URL:?	Yes	Yes	See 4
Vmware 5.1	Vmware ESXi 5.1.0 Vmware Certification URL:?	Yes	Yes	See 4
Huawei FusionSphere	GalaX8800V1R2C01	Yes		See 2
Huawei FusionSphere	GalaxEngineV1R2C02	Yes		See 2
Huawei FusionSphere	FusionCompute V100R003C00	Yes		See 2
Huawei FusionSphere	FusionCompute V100R003C10	Yes		See 2

"/" : OS vendor does not claim support for the platform

"Yes": Full compatibility wtih huawei server

"?": Click to the URL

1. Install an OS by using the ServiceCD: Use the ServiceCD DVD or image file for installation. The latest ServiceCD is available at ?
2. Install an OS directly: Use the physical DVD-ROM drive to load the installation DVD or use the virtual DVD-ROM drive to load the image file for installation.
3. Load drivers while installing an OS: Load hardware drivers during OS installation.
4. Install an OS by making an installation source: Use the OS installation program and hardware drivers to make an installation source for installation.

   Note: For details about the four OS installation methods, see the 《Tecal Server OS Installation Guide》. To obtain this document, perform the following steps:

   1) Log in to http://enterprise.huawei.com/en

   2) Choose SUPPORT > Product Support > Cloud Computing & Data Centers > Server.

   3) Select the type and model of the server on which the OS is to be installed, and click the document link in the Installation & Upgrade area to download this document.

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5 PCIE-FC HBA Card

Part Number	Vendor of FC HBA card	Model of FC HBA card	Description	OS	Storage	Switch	Driver	Remarks	Part Number is temporary or not
06030220	Qlogic	QLE2562	Dual Port 8Gbps Fibre Channel Host Bus Adapter Card -PCIE 2.0 -multi-mode optic -DLC -Half-height half-length	*Compatibility List URL:* ?			URL: ?	with SFP+ Optics itself See[1]	N
06030221	Qlogic	QLE2560	Single Port 8Gbps Fibre Channel Host Bus Adapter Card -PCIE 2.0 -multi-mode optic -DLC -Half-height half-length	*Compatibility List URL:* ?			URL: ?	with SFP+ Optics itself See[1]	N
06030217	Emulex	LPE12002	Dual Port 8Gbps Fibre Channel Host Bus Adapter Card -PCIE 1.0 -multi-mode optic -DLC -Half-height half-length	*Compatibility List URL:* ?			URL: ?	with SFP+ Optics itself See[1]	N
06030216	Emulex	LPE12000	Single Port 8Gbps Fibre Channel Host Bus Adapter Card -PCIE 1.0 -multi-mode optic -DLC -Half-height half-length	*Compatibility List URL:* ?			URL: ?	with SFP+ Optics itself See[1]	N

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Part Number	Vendor of FC HBA card	Model of FC HBA card	Description	OS	Storage	Switch	Driver	Remarks	Part Number is temporary or not
06030275	Emulex	LPe16000B	Single Port-16Gbps,PCIE 3.0 - Vendor ID 10df-Device ID e200-1,English Doc,Multimode optical module,half width half length	*Compatibility List URL:* ?			URL:?	with SFP+ Optics itself See[1]	N
06030276	Emulex	LPe16002B	Double Ports-16Gbps,PCIE 3.0 - Vendor ID 10df-Device ID e200-2,English Doc,Multimode optical module,half width half length	*Compatibility List URL:* ?			URL:?	with SFP+ Optics itself See[1]	N
06030277	Qlogic	QLE2670	Single Port-16Gbps,PCIE 3.0 - Vendor ID 1077-Device ID 2031-1,English Doc,Multimode optical module,half width half length	*Compatibility List URL:* ?			URL:?	with SFP+ Optics itself See[1]	N
06030278	Qlogic	QLE2672	Double Ports-16Gbps,PCIE 3.0 - Vendor ID 1077-Device ID 2031-2,English Doc,Multimode optical module,half width half length	*Compatibility List URL:* ?			URL:?	with SFP+ Optics itself See[1]	N

1. The drivers are provided by original vendors.

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6 PCIE-CNA Card

Part Number	Vendor	Model	Description	OS	Storage	Switch	Driver	Remarks	Part Number is temporary or not
06030223	Emulex	OCe11102-FM	Dual Port 10Gbps FCoE Host Bus Adapter Card -PCIE 2.0 -multi-mode optic -Half-height half-length	*Compatibility List URL:* ?			*URL:* ?	with SFP+ Optics itself See[1]	

1. The drivers are provided by original vendors.

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7 PCIE-InfiniBand Card

Part Number	Vendor	Model	Description	OS	Storage	Switch	Driver	Remarks	Part Number is temporary or not
06030246	Mellanox	MCX353A-QCBT	Single Port Adapter, 40Gb/s Infiniband, PCIE 3.0 X8 Half-height	OS Compatibility List URL: ?			URL: ?	See[1] See[2]	

1.The drivers are provided by original vendors.

2.Made in Israel,Can not be sold to LAS

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8 PCIE-SAS HBA Card

Part Number	Vendor	Model	Description	Remarks	Part Number is temporary or not
0603G01D	Huawei Symantec (OEM LSI)	SAS 9200-8e	LSI SAS 9200-8e SAS/SATA HBA, X8 PCI-E Interface,6Gb/s		

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9 PCIE-Network card

Part Number	Vendor	Model of card	Model of Chip	Description	Driver	SFP+ Direct Attach Copper	SFP+ Optics	Remarks	Part Number is temporary or not
06310023	Intel	E1G42ET	82576	Dual Port Gigabit Ethernet Server Adapter,RJ45 Copper, PCIE 2.0 X4 -Half-height half-length	URL:?			RJ45 copper See[1]	N
06310025	Intel	E1G44HT (I340-T4)	82580	Quad Port Gigabit Ethernet Card,RJ45 Copper,PCIE 2.0 X4 -Half-height half-length	URL:?			RJ45 copper See[1]	N
06310024	Intel	E10G42BTDA	82599	Dual Port 10 Gigabit Ethernet Server Adapter,SFP + Direct Attach Copper,PCIE 2.0 X8 -Half-height half-length	URL:?	04050233; 04050185; 04050186		See[1]	N

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Part Number	Vendor	Model of card	Model of Chip	Description	Driver	SFP+ Direct Attach Copper	SFP+ Optics	Remarks	Part Number is temporary or not
06310026	Intel	E10G42BFSR	82599	Dual Port 10 Gigabit Ethernet Server Adapter,LC Fiber Optic, PCIE 2.0 X8 -Half-height half-length	URL:?			with SFP+ Optics itself See[1]	N
06310038	Silicom	PEG2I6	82576	Dual Port Gigabit Ethernet Server Adapter,RJ45 Copper, PCIE 2.0 X4 -Half-height half-length	URL:?			RJ45 copper See[1]	N
06310039	Silicom	PE210G2SPI9-XR	82599	Dual Port 10 Gigabit Ethernet Server Adapter,SFP + Direct Attach Copper,PCIE 2.0 X8 -Half-height half-length	URL:?	04050233; 04050185; 04050186	34060494	See[1]	N
06310040	Silicom	PE2G4I80L	82580	Quad Port Gigabit Ethernet Card,RJ45 Copper,PCIE 2.0 X4 -Half-height half-length	URL:?			RJ45 copper See[1]	N
06310041	Silicom	PE210G2SPI9	82599	Dual Port 10 Gigabit Ethernet Server Adapter,LC Fiber Optic, PCIE 2.0 X8 -Half-height half-length	URL:?			with SFP+ Optics itself See[1]	N

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Part Number	Vendor	Model of card	Model of Chip	Description	Driver	SFP+ Direct Attach Copper	SFP+ Optics	Remarks	Part Number is temporary or not
06310042	Silicom	PEG4FI	82571	Quad Port Gigabit Ethernet Card, LC Fiber Optic,PCIE1.0 X4 - Half-height half-length	URL:?			with SFP+ Optics itself See[1]	N
03030PWD	Huawei	SP310	82599	Dual Port 10 Gigabit Ethernet Card, XFP/SFP+,PCIE 2.0 X8 - Half-height half-length	URL:?	04050233; 04050185; 04050186	34060494	See[1]	N
06310058	Intel	I350F2G1P20914215	I350	Dual Port Gigabit Ethernet Server Adapter,LC Fiber Optic, PCIE 2.0 X4 -Half-height half-length	URL:?			with SFP+ Optics itself See[1]	N
06310068	Mellanox	MCX312A-XCBT	CX312A	Dual Port 10 Gigabit Ethernet Server Adapter,LC Fiber Optic,PCIE 3.0 X8 -Half-height half-length	URL:?			with SFP+ Optics itself See[1], See[2]	Y
06310067	Silicom	PE210G2i40E-T-HU	X540	Dual Port 10 Gigabit Ethernet Server Adapter,RJ45 Copper, PCIE 2.0 X8 -Half-height half-length	URL:?			RJ45 copper See[1], See[2]	Y

1.The drivers are provided by original vendors.

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2.Cannot get it from Unistar

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10 PCIE-SSD Card

Part Number	Vendor of SSD card	Model of SSD card	Description	OS	Driver	Remarks
03030NQC	Huawei	Tecal ES2000	The 3rd Generation PCIE SSD Card 640GB 25nm PCIE 1.1 X8	vmware5.0、win2008r2 x64、SLES11 SP2 X64	URL: ?	
03030TLH	Huawei	Tecal ES3000	Function Module,Tecal ES3000-CN2M01SSDD 400GB	vmware5.0、win2008r2 x64、SLES11 SP2 X64	URL: ?	
03030PXT	Huawei	Tecal ES3000	Function Module,Tecal ES3000,CN2M01SSDD 800GB	vmware5.0、win2008r2 x64、SLES11 SP2 X64	URL: ?	Independent packing shipment using 02310NHE coding
03030PXS	Huawei	Tecal ES3000	Function Module,Tecal ES3000,CN2M01SSDD 1.2TB	vmware5.0、win2008r2 X64、SLES11 SP2 X64	URL: ?	Independent packing shipment using 02310NHB coding
03030PWG	Huawei	Tecal ES3000	Function Module,Tecal ES3000-CN2M01SSDD 2.4TB	vmware5.0、win2008r2 x64、SLES11 SP2 X64	URL: ?	Independent packing shipment using 02310NHD coding

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11 PCIE-GPU Card

Part Number	Vendor	model	Description	OS	Driver	Remarks	Part Number is temporary or not
06320031	Nvidia	Quadro 2000	Video Card,GPU card,1GB memory, 41.6 GB/s Bandwidth,x16-10DE -0DD8,PCIE 2.0 ,Active Cooling, 4.376(H) x 7.00 (L)	SUSE Linux Enterprise Server 11 Service Pack 1 for x86/ Intel EM64T; Red Hat Enterprise Linux 6. Update 1 Server for x86/Intel EM64T; Microsoft Windows Server 2008 SP2 32bit; Microsoft Windows Server 2008 R2 SP1 64bit;	URL:?	See[1]	not

1. The drivers are provided by original vendors.

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12 Network/FC MEZZ Card

Note：Network/FC MEZZ Card is not supported for RH2288 V2.

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13 FCOE MEZZ Card

Part Number	Vendor of FCOE MEZZ card	Model of FCOE MEZZ Card	Model of Chip	Description	OS	Remarks

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14 Embeded FC SW

Note：Embeded FC SW is not supported for RH2288 V2.

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15 Application software

Type of Software	Software	CPU	OS	Remarks
SAP Linux	ERP2005SR 1	1-2 Intel® XeonTM processors All types are supported	Red Hat Enterprise Linux SUSE Linux Enterprise Server	Detail URL：?

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16 Database

Vendor of Software	Software	OS	Storage	Remarks
Oracle	Oracle Database 11g Release 2 (11.2.0.3)	Oracle Linux 6 Update 3 x86_64	Huawei Dorado2100 G2	Detail URL：?
Microsoft	SQL Server 2012	Microsoft Windows Server 2008 R2 SP1 Enterprise Edition		Detail URL：?

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17 Management Software

Vendor	Software	OS	Remarks
Microsoft	Microsoft System Center Operation manager 2007 Microsoft System Center URL: ?		
Microsoft	Microsoft System Center Operation manager 2012		
Microsoft	Microsoft System Center Operation manager 2012 SP1		
Hewlett-Packard	HP Operations Manager 9.0		
Hewlett-Packard	HP Systems Insight Manager 7.2		
Hewlett-Packard	HP Operations Orchestration 9.0.0	Microsoft Windows 2008 Server Enterprise edition SP2	
Symantec	Altiris Deployment Solution 6.9		
BMC	BladeLogic Server Automation 8.3		

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18 Application Server Reference Architecture

Category	Application	Description	Recommended Server	Remarks
Basic applications	Active Directory (AD) application	Customers can integrate the AD application in Microsoft Windows with Huawei servers to implement an enterprise IT infrastructure function.	Huawei RH2285 V2 Huawei XH311 V2 Huawei E6000-BH620 V2	
	Dynamic Host Configuration Protocol (DHCP) application	Customers can integrate the DHCP application in Microsoft Windows with Huawei servers to implement an enterprise IT infrastructure function.	Huawei RH2285 V2 Huawei XH311 V2 Huawei E6000-BH620 V2	
	Domain name service (DNS) application	Customers can integrate the DNS application in Microsoft Windows with Huawei servers to implement an enterprise IT infrastructure function.	Huawei RH2285 V2 Huawei XH311 V2 Huawei E6000-BH620 V2	
	File sharing application	Customers can integrate the file sharing application in Microsoft Windows with Huawei servers to implement an enterprise IT infrastructure function.	Huawei RH2285 V2 Huawei XH311 V2 Huawei E6000-BH620 V2	

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Category	Application	Description	Recommended Server	Remarks
	Internet Information Services (IIS) web application	Customers can integrate the IIS web application in Microsoft Windows with Huawei servers to implement an enterprise IT infrastructure function.	Huawei RH2285 V2 Huawei XH311 V2 Huawei E6000-BH620 V2	
	Proxy application	Customers can integrate the proxy application in Microsoft Windows with Huawei servers to implement an enterprise IT infrastructure function.	Huawei RH2285 V2 Huawei XH311 V2 Huawei E6000-BH620 V2	
	High availability (HA) cluster application	Customers can use the cluster function in Microsoft Windows or RedHat Linux to deploy HA clusters.	Huawei RH2285 V2 Huawei XH311 V2 Huawei E6000-BH620 V2 Huawei E6000-BH622 V2	
Enterprise applications	Enterprise office automation (OA) application	Customers can use OA software from Chinese mainstream vendors (such as Landray and Yonyou) to build enterprise OA applications. Huawei can provide suggestions for server configuration.	Huawei RH2285 V2	
	Enterprise Resource Planning (ERP) application	Customers can use ERP software from Chinese mainstream vendors (such as Yonyou and Kingdee) to build ERP applications. Huawei can provide suggestions for server configuration.	Huawei RH2285 V2	
	Enterprise email application	Customers can use Microsoft Exchange enterprise email suite to build enterprise email applications. Huawei can provide suggestions for server configuration and a complete solution.	Huawei RH2285 V2 Huawei E6000-BH620 V2	

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Category	Application	Description	Recommended Server	Remarks
Virtualization applications	VMware xCube desktop virtualization application	Customers can use VMware vSphere and vCenter to build the virtual desktop infrastructure (VDI) application, which serves 1000 lightweight users.	Huawei E9000-CH121	
	VMware enterprise portal SharePoint application	Customers can use VMware vSphere and vCenter and Microsoft SharePoint to build enterprise portal applications. Huawei can provide a solution proposal and suggestions for server configuration.	Huawei RH2288 V2	
	VMware SQL Server HA application	Customers can use VMware vSphere and vCenter and Microsoft SQL Server to build database HA applications. Huawei can provide a solution proposal and suggestions for server configuration.	Huawei RH2288 V2	
	Citrix VDS desktop virtualization application	Customers can use Citrix XenApp and XenDesktop to build the VDI application, which serves 1000 to 5000 middleweight users.	Huawei E6000-BH622 V2	

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19 Processor

Part Number	Description	Remarks
41020278	Intel Xeon Processor E5-2603 SandyBridge-EP - 4 Core - 1.8GHz - QPI 6.4GT/s - L3 Cache 10M – 1066MHz-80W	
41020279	Intel Xeon Processor E5-2609 SandyBridge-EP - 4 Core - 2.4GHz - QPI 6.4GT/s - L3 Cache 10M -1066MHz-80W	
41020222	Intel Xeon Processor E5-2620 SandyBridge-EP - 6 Core - 2.0GHz - QPI 7.2GT/s - L3 Cache 15M -1333MHz- 95W	
41020274	Intel Xeon Processor E5-2630 SandyBridge-EP - 6 Core - 2.3GHz - QPI 7.2GT/s - L3 Cache 15M – 1333MHz-95W	
41020455	X86 series-FCLGA2011-2000MHz-0.9V-64bit-60000mW-SandyBridge EP Xeon E5-2630L-6Core	
41020275	Intel Xeon Processor E5-2640 SandyBridge-EP - 6 Core - 2.5GHz - QPI 7.2GT/s - L3 Cache 15M – 1333MHz-95W	
41020281	Intel Xeon Processor E5-2643 SandyBridge-EP - 4 Core - 3.3GHz - QPI 8.0GT/s - L3 Cache 10M – 1600MHz-130W	
41020276	Intel Xeon Processor E5-2650 SandyBridge-EP - 8 Core - 2.0GHz - QPI 8.0GT/s - L3 Cache 20M -1600MHz- 95W	
41020310	Intel Xeon Processor E5-2650L SandyBridge-EP - 8 Core - 1.8GHz - QPI 8.0GT/s - L3 Cache 20M – 1600MHz-70W	
41020265	Intel Xeon Processor E5-2658 SandyBridge-EP - 8 Core - 2.1GHz - QPI 8.0GT/s - L3 Cache 20M – 1600MHz-95W	
41020277	Intel Xeon Processor E5-2660 SandyBridge-EP - 8 Core - 2.2GHz - QPI 8.0GT/s - L3 Cache 20M – 1600MHz-95W	
41020297	Intel Xeon Processor E5-2665 SandyBridge-EP - 8 Core - 2.4GHz - QPI 8.0GT/s - L3 Cache 20M -1600MHz-115W	

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Part Number	Description	Remarks
41020282	Intel Xeon Processor E5-2667 SandyBridge-EP - 6 Core - 2.9GHz - QPI 8.0GT/s - L3 Cache 15M – 1600MHz-130W	
41020296	Intel Xeon Processor E5-2670 SandyBridge-EP - 8 Core - 2.6GHz - QPI 8.0GT/s - L3 Cache 20M – 1600MHz-115W	
41020283	Intel Xeon Processor E5-2680 SandyBridge-EP - 8 Core - 2.7GHz - QPI 8.0GT/s - L3 Cache 20M -1600MHz- 130W	
41020284	Intel Xeon Processor E5-2690 SandyBridge-EP - 8 Core - 2.9GHz - QPI 8.0GT/s - L3 Cache 20M -1600MHz- 135W	
41020411	X86 series-FCLGA2011-2800MHz-0.9V-64bit-115000mW-IvyBridge EP Xeon E5-2680 v2-10Core	
41020415	X86 series-FCLGA2011-3000MHz-0.9V-64bit-130000mW-IvyBridge EP Xeon E5-2690 v2-10Core	
41020416	X86 series-FCLGA2011-2500MHz-0.9V-64bit-115000mW-IvyBridge EP Xeon E5-2670 v2-10Core	
41020417	X86 series-FCLGA2011-2200MHz-0.9V-64bit-95000mW-IvyBridge EP Xeon E5-2660 v2-10Core	
41020420	X86 series-FCLGA2011-3300MHz-0.9V-64bit-130000mW-IvyBridge EP Xeon E5-2667 v2-8Core	
41020421	X86 series-FCLGA2011-2600MHz-0.9V-64bit-95000mW-IvyBridge EP Xeon E5-2650 v2-8Core	
41020422	X86 series-FCLGA2011-2000MHz-0.9V-64bit-95000mW-IvyBridge EP Xeon E5-2640 v2-8Core	
41020423	X86 series-FCLGA2011-1700MHz-0.9V-64bit-70000mW-IvyBridge EP Xeon E5-2650L v2-8Core	
41020424	X86 series-FCLGA2011-3500MHz-0.9V-64bit-130000mW-IvyBridge EP Xeon E5-2643 v2-6Core	
41020425	X86 series-FCLGA2011-2600MHz-0.9V-64bit-80000mW-IvyBridge EP Xeon E5-2630 v2-6Core	
41020426	X86 series-FCLGA2011-2100MHz-0.9V-64bit-80000mW-IvyBridge EP Xeon E5-2620 v2-6Core	
41020427	X86 series-FCLGA2011-3500MHz-0.9V-64bit-130000mW-IvyBridge EP Xeon E5-2637 v2-4Core	
41020428	X86 series-FCLGA2011-2500MHz-0.9V-64bit-80000mW-IvyBridge EP Xeon E5-2609 v2-4Core	
41020429	X86 series-FCLGA2011-1800MHz-0.9V-64bit-80000mW-IvyBridge EP Xeon E5-2603 v2-4Core	

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Part Number	Description	Remarks
41020418	X86 series,FCLGA2011,2700MHz,0.9V,64bit, 130000mW,IvyBridge EP Xeon E5-2697 v2,12Core	
41020419	X86 series-FCLGA2011-2400MHz-0.9V,64bit-115000mW-IvyBridge EP Xeon E5-2695 v2,12Core	
41020438	X86 series-FCLGA2011-2400MHz-0.9V-64bit-60000mW-IvyBridge EP Xeon E5-2630L v2,6Core	
41020383	X86 series-FCLGA2011-2400MHz-0.9V-64bit-95000mW-IvyBridge EP Xeon E5-2658 v2,10Core	
41020455	X86 series-FCLGA2011-2000MHz-0.9V-64bit-60000mW-SandyBridge EP Xeon E5-2630L-6Core	

Note: The CPUs configured for one server must be of the same specifications.

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20 DIMM

About This Chapter

20.1 For Sandy Bridge CPU

20.2 For Ivy Bridge CPU

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20.1 For Sandy Bridge CPU

Part Number	Description	Remarks
06200110	DDR3 RDIMM-4GB-2Rx8 2Gbit- LV 1.35V 1333-Height 30mm	
06200111	DDR3 RDIMM-8GB-2Rx4 2Gbit- LV 1.35V 1333-Height 30mm	
06200107	DDR3 RDIMM-16GB-2Rx4 4Gbit- LV 1.35V 1333-Height 30mm	
06200161	DDR3 RDIMM-16GB-2Rx4 4Gbit- LV 1.35V 1600-Height 30mm	The server does not support 1600 MHz due to CPU limitations
06200121	DDR3 RDIMM-16GB-2Rx4 4Gbit- 1.5V 1600-Height 30mm	
06200123	DDR3 RDIMM-8GB-2Rx8 4Gbit- 1.35V 1600-Height 30mm	The server does not support 1600 MHz due to CPU limitations
06200139	DDR3 RDIMM-8GB-2Rx8 4Gbit- 1.5V 1600-Height 30mm	
06200137	DDR3 LRDIMM-32GB-4Rx4 4Gbit- 1.35V 1333-Height 30mm	A server supports mixed configuration of LRDIMMs from different manufacturers only if the server BIOS is V364 or later.

Note: The DIMMs configured for one server must be of the same specifications.

20.2 For Ivy Bridge CPU

Part Number	Description	Remarks
06200110	DDR3 RDIMM-4GB-2Rx8 2Gbit- LV 1.35V 1333-Height 30mm	

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Part Number	Description	Remarks
06200111	DDR3 RDIMM-8GB-2Rx4 2Gbit- LV 1.35V 1333-Height 30mm	
06200107	DDR3 RDIMM-16GB-2Rx4 4Gbit- LV 1.35V 1333-Height 30mm	
06200161	DDR3 RDIMM-16GB-2Rx4 4Gbit- LV 1.35V 1600-Height 30mm	The server does not support 1600 MHz due to CPU limitations
06200121	DDR3 RDIMM-16GB-2Rx4 4Gbit- 1.5V 1600-Height 30mm	
06200123	DDR3 RDIMM-8GB-2Rx8 4Gbit- 1.35V 1600-Height 30mm	The server does not support 1600 MHz due to CPU limitations
06200139	DDR3 RDIMM-8GB-2Rx8 4Gbit- 1.5V 1600-Height 30mm	
06200169	DDR3 RDIMM-8GB-2Rx8 4Gbit- 1.5V 1866-Height 30mm	
06200172	DDR3 RDIMM-16GB-2Rx8 4Gbit- 1.5V 1866-Height 30mm	
06200137	DDR3 LRDIMM-32GB-4Rx4 4Gbit- 1.35V 1333-Height 30mm	The server BIOS should be V374 or later.

Note: The DIMMs configured for one server must be of the same specifications.

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21 Hard Disk Controller

Part Number	Description	Remarks	Part Number is temporary or not
03021ENL	SR120 Server Raid Controller- SAS 6G/ SATA 6G - RAID0 / RAID1 / RAID1E / RAID10		
02310KTK	SR220 Server Raid Controller- SAS 6G/ SATA 6G - Cache 512MB - 8 Disk-RAID0 / RAID1 / RAID10 /RAID5 / RAID50	EOM	
02310KTM	SR620 Server Raid Controller- SAS 6G/ SATA 6G - Cache 512MB - 8 Disk - RAID0 / RAID1 / RAID10 /RAID5 / RAID6 / RAID50 /RAID60	EOM	
02310KTL	SR320 Server Raid Controller- SAS 6G/ SATA 6G - Cache 512MB -16 Disk - RAID0 / RAID1 / RAID10 /RAID5 / RAID50	EOM	
02310MGE	SR320 Server Raid Controller- SAS 6G/ SATA 6G - Cache 1GB - 16 Disk- RAID0 / RAID1 / RAID10 /RAID5 / RAID50	EOM	
02310MGD	SR220 Server Raid Controller- SAS 6G/ SATA 6G - Cache 1GB - 8 Disk- RAID0 / RAID1 / RAID10 /RAID5 / RAID50	EOM	
02310MGF	SR620 Server Raid Controller- SAS 6G/ SATA 6G - Cache 1GB - 8 Disk- RAID0 / RAID1 / RAID10 /RAID5 / RAID6 / RAID50 /RAID60	EOM	
02310MGS	SR320C Server Raid Controller- SAS 6G/ SATA 6G - Cache 1GB - 16 Disk- RAID0 / RAID1 / RAID10 /RAID5 /RAID50 Only Support SuperCap	EOM	

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Part Number	Description	Remarks	Part Number is temporary or not
02310MXP	SR420 Server Raid Controller- SAS 6G/ SATA 6G - Cache 512MB -32 Disk- RAID0 / RAID1 / RAID10 /RAID5 / RAID6 / RAID50 /RAID60	EOM	
02310MGT	SR620C Server Raid Controller- SAS 6G/ SATA 6G - Cache 1GB -8 Disk- RAID0 / RAID1 / RAID10 /RAID5 / RAID6 / RAID50 /RAID60 - Only Support SuperCap	EOM	
02310MXU	SR420C Server Raid Controller- SAS 6G/ SATA 6G - Cache 1GB -32 Disk- RAID0 / RAID1 / RAID10 /RAID5 / RAID6 / RAID50 /RAID60 - Only Support SuperCap	EOM	
02310MXS	SR420 Server Raid Controller- SAS 6G/ SATA 6G - Cache 1GB -32 Disk- RAID0 / RAID1 / RAID10 /RAID5 / RAID6 / RAID50 /RAID60 - Only Support Battery	EOM	
02310NKT	SR520C Server Raid Controller- SAS 6G/ SATA 6G - Cache 1GB -32 Disk- CacheCade2.0 -RAID0 / RAID1 / RAID10 / RAID5 / RAID6 /RAID50 /RAID60 - Only Support SuperCap		Y
02310QNL	SR320BC Server Raid Controller- SAS 6G/ SATA 6G - Cache 512MB-16 Disk- RAID0/1/10/5/50/6/60 - Support Battery and SuperCap		
02310QNJ	SR320BC Server Raid Controller- SAS 6G/ SATA 6G - Cache 1GB -16 Disk- RAID0/1/10/5/50/6/60 - Support Battery and SuperCap		
02310SRU	SR420BC Server Raid Controller- SAS 6G/ SATA 6G - Cache 1GB -32 Disk- RAID0 / RAID1 / RAID10 /RAID5 / RAID6 / RAID50 /RAID60 - Support Battery and SuperCap		

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22 Hard Disk

Part Number	Description	Remarks	Part Number is temporary or not
02310KPR	10000 RPM - 2.5' SAS 6Gbps - 300GB HDD		
02310KPU	10000 RPM - 2.5' SAS 6Gbps - 600GB HDD		
02310LYS	10000 RPM - 2.5' SAS 6Gbps - 900GB HDD		
02310UGC	10000 RPM - 2.5' SAS 6Gbps - 1200GB HDD		
02310LHE	15000 RPM - 2.5' SAS 6Gbps - 146GB HDD		
02310MMV	15000 RPM - 2.5' SAS 6Gbps - 300GB HDD		
02310LBB	7200 RPM - 2.5' SATA 6Gbps - 500GB HDD		
02310LAY	7200 RPM - 2.5' SATA 6Gbps - 1000GB HDD		
02310MLB	7200 RPM - 2.5' NL SAS 6Gbps - 1000GB HDD		
02310LAV	15000 RPM - 3.5' SAS 6Gbps - 300GB HDD		
02310LAX	15000 RPM - 3.5' SAS 6Gbps - 600GB HDD		
02310MKV	7200 RPM - 3.5' NL SAS 6Gbps - 1000GB HDD		
02310MKX	7200 RPM - 3.5' NL SAS 6Gbps - 2000GB HDD		
02310MLA	7200 RPM - 3.5' NL SAS 6Gbps - 3000GB HDD		
02310UGB	7200 RPM - 3.5' NL SAS 6Gbps - 4000GB HDD		

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Part Number	Description	Remarks	Part Number is temporary or not
02310LGY	7200 RPM - 3.5' SATA 6Gbps - 1000GB HDD		
02310LHA	7200 RPM - 3.5' SATA 6Gbps - 2000GB HDD		
02310MKT	7200 RPM - 3.5' SATA 6Gbps - 3000GB HDD		
02310RFP	7200 RPM - 3.5' SATA 6Gbps - 4000GB HDD		
02310TKY	7200 RPM - 3.5' SATA 6Gbps - 3000GB - HDD - Cloud Disk	See1 EOM	
02310MMT	MLC 2.5' SATA 6Gbps - 240GB SSD		
02310SLH	MLC 2.5' SATA 6Gbps - 480GB SSD		
02310SLK	eMLC 2.5' SATA 6Gbps - 200GB SSD		
02310SLL	eMLC 2.5' SATA 6Gbps - 400GB SSD		
0235G7GH	eMLC 3.5' SAS 6Gbps - 200GB SSD	EOM	
0235G7GJ	eMLC 3.5' SAS 6Gbps - 400GB SSD	EOM	
02310TFW	MLC 2.5' SATA 6Gbps - 80GB SSD		
02310TFY	MLC 2.5' SATA 6Gbps - 160GB SSD		
02310TGA	MLC 2.5' SATA 6Gbps - 300GB SSD		
02310TGB	MLC 2.5' SATA 6Gbps - 600GB SSD		
02310YHK	MLC 2.5' SATA 6Gbps - 800GB SSD		
02310TKX	MLC 2.5' SATA 6Gbps - 300GB SSD - 3.5inch Handle		
02310SLN	MLC 2.5' SATA 6Gbps - 480GB SSD - 3.5inch Handle		
02310TLF	MLC 2.5' SATA 6Gbps - 600GB SSD - 3.5inch Handle		
02311BFM	eMLC 2.5' SATA 6Gbps - 800GB SSD		
02311BFN	eMLC 2.5' SATA 6Gbps - 800GB SSD- 3.5inch Handle		

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Part Number	Description	Remarks	Part Number is temporary or not
02310YRQ	MLC 2.5' SATA 6Gbps - 800GB SSD- 3.5inch Handle		

1、Only Uni-config for OEM，it cannot get from Unistar.

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23 Power Supply

Part Number	Description	Remarks
98080310	AC/DC Power Module 750W 100V-240V /9.0~4.5A +12V/62.5A 92.0% Gold. 2559BTU/hr	EOL
02131058	AC/DC Power Module 750W 100V-240V /9.0~4.5A OR 240V DC/5A +12V/62.5A 94.0% Platinum. 2559BTU/hr	
02130950	AC/DC Power Module 824W 100V-240V/10A +12V/ 65A 94.0% Platinum. 2811BTU/hr	2014.9.30 EOL
02130957	AC/DC Power Module 460W 90V-264V/6~3A OR 240V DC/5A +12V/38A 94.0% Platinum. 1570BTU/hr	
02270113	DC/DC Power Module 824W -38V- -75V/26A +12V/ 65A 93.5% Gold. 2811BTU/hr	
02131042	AC/DC Power Module 460W 90V-264V/6~3A +12V/ 38A 92.0% Gold. 1570BTU/hr	

Note：The PSUs configured for one server must be of the same specifications.

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24 Certification

No	Country/ Region	Certification	Standards
1	China	RoHS	SJ/T 11363—2006 SJ/T 11364—2006 GB/T 26572—2011
2	China	CCC	GB4943.1-2011 GB9254-2008(Class A) GB17625.1-2012
3	China	China Environmental Labeling	GB/T24024:2001 idt ISO14024:1999 HJ 2507-2011
4	China	Energy Conservation	CQC3135-2011"Energy Conservation Certification Criteria for Servers"
5	China (Taiwan)	BSMI	CNS14336-1(99) CNS13438(95)

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No	Country/ Region	Certification	Standards
6	Europe	CE	Safety: IEC 60950-1:2005(2nd Edition)+A1:2009 and/or EN 60950-1:2006+A11:2009+A1:2010+ A12:2011 EMC: EN 55022:2010 CISPR 22:2008 EN 55024:2010 CISPR 24:2010 ETSI EN 300 386 V1.6.1:2012 ETSI ES 201 468 V1.3.1:2005 IEC 61000-3-2:2005+A1:2008+A2:2009/EN 61000-3-2:2006+A1:2009+A2:2009 IEC 61000-3-3:2008/EN 61000-3-3:2008 IEC 61000-6-2:2005/EN 61000-6-2:2005 IEC 61000-6-4:2006+A1:2010/EN 61000-6-4:2007 +A1:2011 RoHS: 2002/95/EC, 2011/65/EU, EN 50581: 2012 REACH: EC NO. 1907/2006 WEEE: 2002/96/EC, 2012/19/EU
7	America	FCC	FCC CFR47 Part 15:2005 Class A
8	America / Mexico / Argentina	NTRL-UL	UL 60950-1, 2nd Edition, 2011-12-19 (Information Technology Equipment - Safety - Part 1: General Requirements)
9	America	Energy Star	ENERGY STAR® Program Requirements for Computer Servers
10	Canada	IC	ICES-003:2004 Class A
11	Canada	NTRL-UL	CSA C22.2 No. 60950-1-07, 2nd Edition, 2011-12 (Information Technology Equipment - Safety - Part 1: General Requirements)
12	Australia	C-tick	AS/NZS CISPR 22:2009
13	Japan	VCCI	VCCI V-3:2012

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No	Country/ Region	Certification	Standards
14	Kingdom of Saudi Arabia (KSA)	SASO	IEC 60950-1: 2005 (2nd Edition) + A1:2009 EN 60950-1:2006+A11:2009+A1:2010 + A12:2011
15	Nigeria	SONCAP	IEC 60950-1: 2005 (2nd Edition) + A1:2009 EN 60950-1:2006+A11:2009+A1:2010 + A12:2011
16	Kuwait	Kucas	IEC 60950-1: 2005 (2nd Edition) + A1:2009 EN 60950-1:2006+A11:2009+A1:2010 + A12:2011
17	India	BIS	IS13252 (Part 1):2010

Certificate download link：

http://3ms.huawei.com/mm/docMaintain/mmMaintain.do?method=showMMDetail&f_id=SV12081314410137

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25 Recommended OS Part Number

Part Number	Description	Remarks
05200154	Windows Server 2008R2 Chinese Edition, Standard (1-4CPU, 5CAL) - Generic OEM COA Lic, 64bit, No DVD, With EULA- No Doc, Without Product Services	
05200132	Windows Server 2008 R2,English Version,Ent, 64bit,WinSvr2008 R2 Ent OEM COA Lic,25CAL,Win Svr 2008 R2 Ent DVD,With EULA,No Doc,Without Product Services	
05200127	Windows Server 2008 R2,Chinese,Ent,25CAL, 64bit,WinSvr2008 R2 Ent OEM COA Lic,Win Svr 2008 R2 Ent CD,No Doc,Without Product Services	
05200176	Windows Server 2012, Chinese Edition,Standard edition,General OEM,x86,64bit,COA Lic,2 physical processors,2 virtual instances,No Doc, Without Product Services	
05200177	Windows Server 2012, English Edition,Standard edition,General OEM,x86,64bit,COA Lic,2 physical processors,2 virtual instances,No Doc, Without Product Services	
05200187	Windows Server 2012,Standard edition,General OEM,Client Access License (CAL),x86,64bit,Paper license,No Doc, Without Product Services	
05200188	Windows Server 2012,Standard edition,General OEM,2 physical processors-2 virtual instances-Additional License,x86,64bit,Paper License,,No Doc, Without Product Services	

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Part Number	Description	Remarks
05200313	Operating System Software-Windows Server 2012-English Version-General OEM-x86-64bit-COA Lic-2 physical processors-unlimited virtual instances-No Doc-Without Product Service	
05200374	Operating System Software,Novell SuSE LINUX Enterprise Server,English Version,11,Paper licence,English Document, 1Yr5*8Product Services	
05200375	Operating System Software,Novell SuSE LINUX Enterprise Server,English Version,11,Paper License,English Document,1Yr7*24Product Services	
05200361	Operating System Software,English Version,Server Version, 64bit,No Document,RHEL6.1system DVD,English Document,1year 7*24 service,2CPU-up to 1 guest	
05200360	Operating System Software,English Version,Server Version, 64bit,No Document,RHEL6.1system DVD,English Document,3year 7*24 service,2CPU-up to 1 guest	
05200357	Operating System Software,English Version,Server Version, 64bit,No Document,RHEL6.1system DVD,English Document,1year 5*8 service,2CPU-up to 1 guest	
05200356	Operating System Software,English Version,Server Version, 64bit,No Document,RHEL6.1system DVD,English Document,3year 5*8 service,2CPU-up to 1 guest	
05200353	Operating System Software,English Version,Server Version, 64bit,No Document,RHEL6.1system DVD,English Document,1year 7*24 service,2CPU,include HA-up to 1 guest	
05200352	Operating System Software,English Version,Server Version, 64bit,No Document,RHEL6.1system DVD,English Document,3year 7*24 service,2CPU,include HA-up to 1 guest	
05200349	Operating System Software,English Version,Server Version, 64bit,No Document,RHEL6.1system DVD,English Document,1 year 5*8 service,2CPU,include HA-up to 1 guest	
05200348	Operating System Software,English Version,Server Version, 64bit,No Document,RHEL6.1system DVD,English Document,3 year 5*8 service,2CPU,include HA-up to 1 guest	

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Part Number	Description	Remarks
05200391	Operating system software-Windows Server 2012-Chinese version-Universal OEM-x86-64bit-Standard-Chinese Document-2 physical CPU with two virtual machine instance-an additional license, the demand for customer expansion	
05200392	Operating System Software,operating system access software -10 device Client Access License (CAL)-for Windows Server 2012,Chinese,General OEM-paperless information-free products and services	
05200393	Operating System Software,operating system access software -1 device Client Access License (CAL)-for Windows Server 2012,Chinese,General OEM-paperless information-free products and services	

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